





NEARLY ZERO ENERGY BUILDINGS AND ITS IMPLEMENTATION IN THE CZECH REPUBLIC

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TRENDS IN CONSTRUCTION INDUSTRY

Train-to-NZEB

The Building Knowledge

- Construction industry 4.0,
- BIM development
- Unified solutions for buildings
- 3D printing

(Source: https://www.isa.org/intech/20160601/, https://3c1703fe8d.site.internapcdn.net/newman/gfx/news/hires/2018/suikersequat.jpg





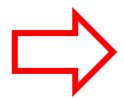
TRENDS IN CONSTRUCTION INDUSTRY

- Increasing complexity of buildings
- More professions involved
- More demanding coordination and cross-craft
- nZEB requirements



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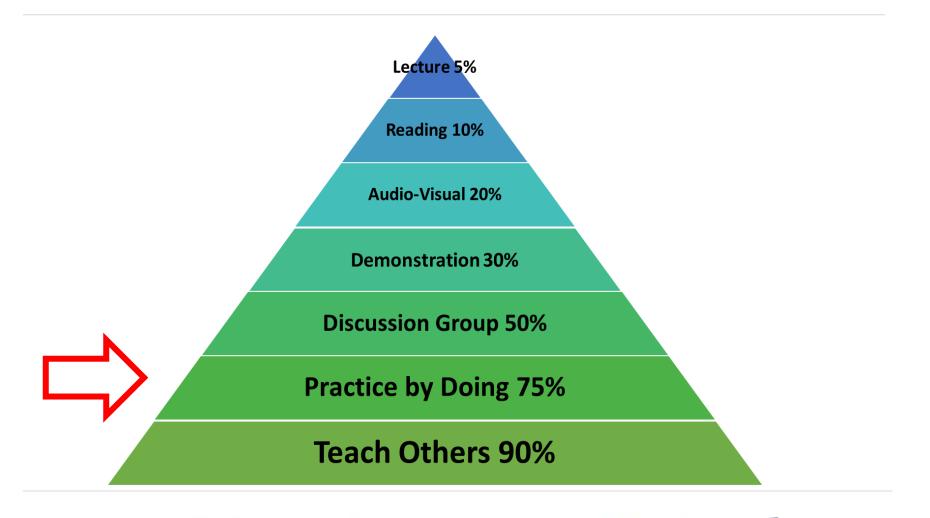
Need for life-long learning, new skills, knowledge and competences



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 649810.

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LEVELS OF KNOWLEDGE RETENTION



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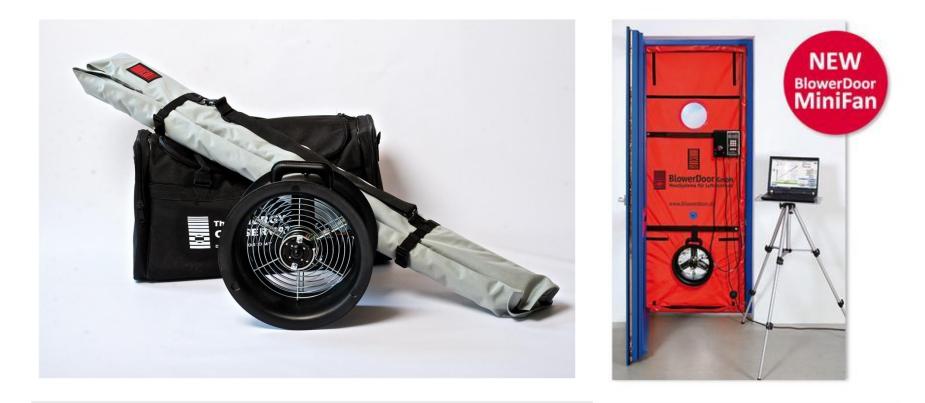




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Blower Door test equipment



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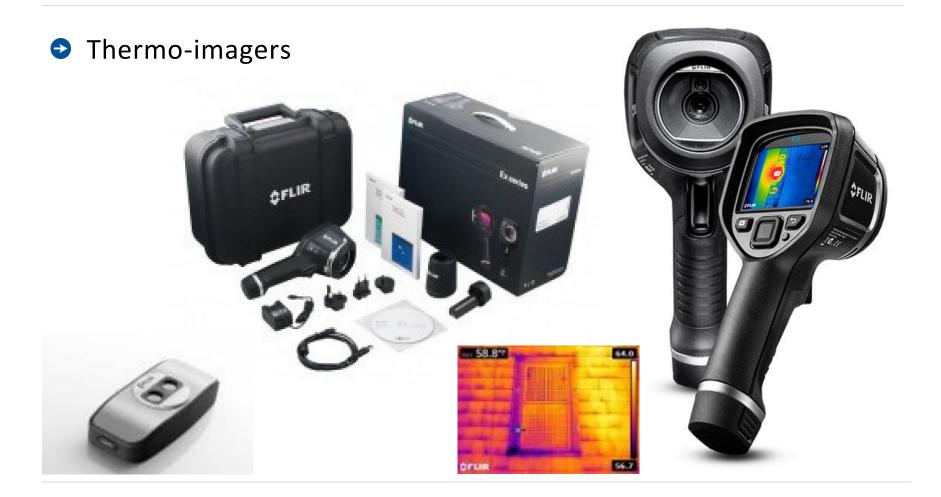
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TRAIN-TO-NZEB IN THE CZECH REPUBLIC





- 4 types of structures
 2 wooden structures and
 2 brickwork structures
- Equipment for Blower Door test,
 CO₂ concentration measurement,
 thermo-imaging, ventilation units



More than **30 trainings** on nZEB, more than **700 trainees** passing the courses



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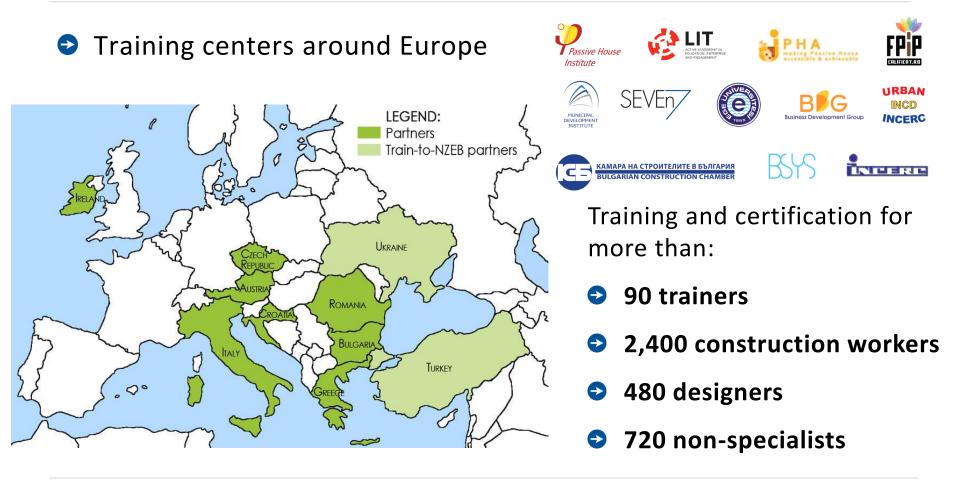
TRAIN-TO-NZEB RESULTS IN EUROPE



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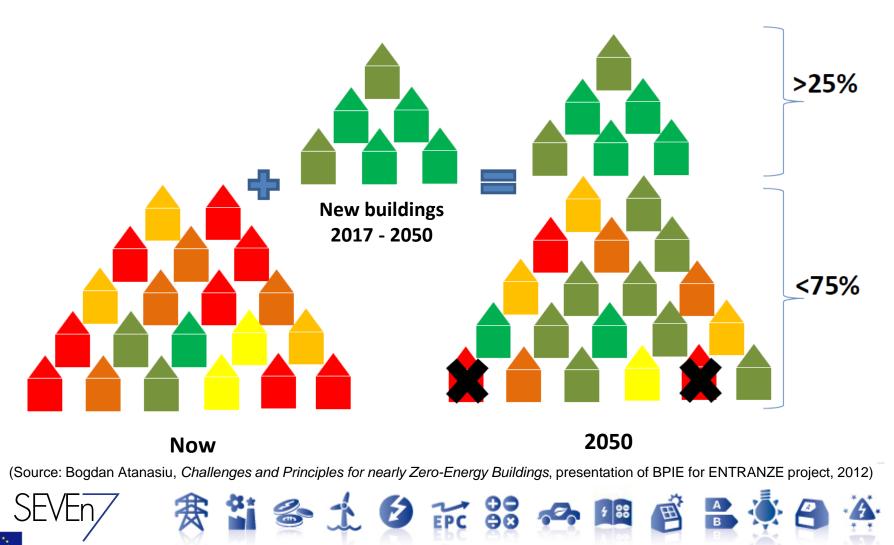
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NZEB IMPLEMENTATION TILL 2050?



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Slide 12

SUMMARY



- Dramatic changes in construction industry
- Critical need for
 Vocational training and newcomers

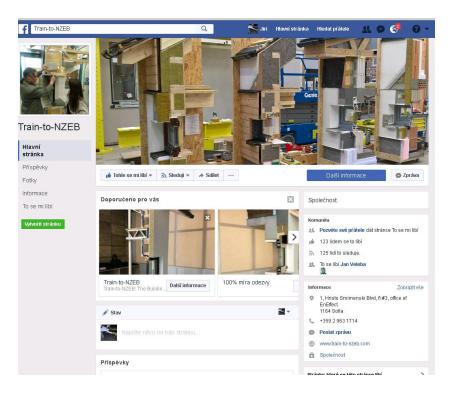


- Attractive practical trainings as solution increasing quality
- Future focusing on Deep Energy Retrofits



INFORMATION ABOUT TRAININGS

- Project web www.train-to-nzeb.com
- Web of SEVEn www.svn.cz
- www.stavebniakademie.cz
- Facebook SEVEn
- Twitter



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Thank you for your attention!

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